

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	715/501.1, "513".ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 14:42
L2	4277	715/501.1,513.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 14:42
L3	1211	715/500.1.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 14:42
S29	0	google.AS. AND ad and personaliz\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 07:59
S30	0	google.AS. AND advertis\$3 and personaliz\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2006/06/08 16:14
S31	3	google.AS. AND advertis\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2006/06/08 16:14
S32	209	CD ADJ TEXT	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 08:00
S33	0	S32 (PLUG ADJ IN)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 08:00
S34	0	S32 DATABASE SERVER CLIENT	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 08:55
S35	3	S32 DATABASE SERVER	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 09:55
S36	95	cd db cd database	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 09:56
S37	3	S36 retriev\$3 server	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 09:56
S38	12	S36 retriev\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/22 14:42
S39	6	((("5,987,525") or ("6,061,680") or ("6,154,773") or ("6,161,132") or ("6,230,192") or ("6,230,207"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2007/06/22 10:27

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S40	1	submit\$3 data cddb	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/22 10:52
S41	258	submit\$3 metadata database	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/22 10:53
S42	0	S41 music cd network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/22 10:53
S43	0	S41 music cd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/22 10:53
S44	32	S41 music	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/06/22 10:53

	1	Document ID	Issue Date	Title	Current OR	Inventor	3	4	5	PT
1		US 20070107039 A1	20070510	Content presentation device communicating with another device through presented content	725/142	Miyakawa; Harumitsu et al.				
2		US 20060221932 A1	20061005	Communication method	370/352	Iwatsu; Takeshi et al.				
3		US 20060007820 A1	20060112	Digital audio recorder for CD collections	369/47.12	Adams; Richard et al.				
4		US 20050201254 A1	20050915	Media organizer and entertainment center	369/124.01	Looney, Brian M. et al.				
5		US 20050117466 A1	20050602	System and method for converting a CD collection to a different media or format	369/30.27	Strachota, Doug				
6		US 20040205150 A1	20041014	Information providing system and method and information recorded medium so on	709/217	Shibasaki, Hiroaki				
7		US 20040083318 A1	20040429	Information providing system and method and information recorded medium so on	710/31	Shibasaki, Hiroaki				

	1	Document ID	Issue Date	Title	Current OR	Inventor	3	4	5	PT
8		US 2004001 5517 A1	20040122	Method for editing and processing contents file and navigation information	707/104.1	Park, Jeong-Jun et al.				
9		US 2003011 3100 A1	20030619	Interface and method for managing multimedia content and related information	386/83	Hecht, Greg et al.				
10		US 2003011 2467 A1	20030619	Apparatus and method for multimedia navigation	358/1.18	McCollum, Tim et al.				
11		US 7205471 B2	20070417	Media organizer and entertainment center	84/615	Looney; Brian M. et al.				
12	X	US 6953886 B1	20051011	Media organizer and entertainment center	84/615	Looney; Brian M. et al.				



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574 Results

Note some duplicates are not shown. See all.
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1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
0	0	0	0	1 pages	20 pages	17 pages	24 pages	66 pages	256 pages
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Companies fight over CD listings, leaving the public behind

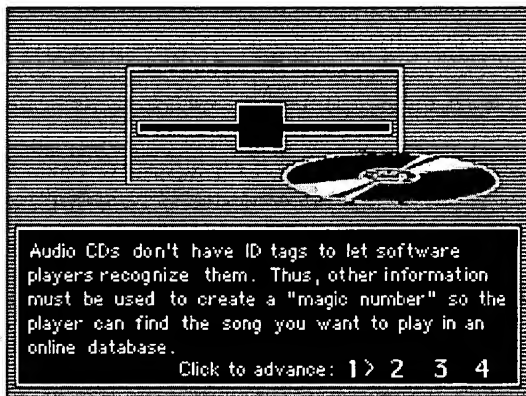
By Robert Lemos
Special to CNET News.com
May 24, 2001, 4:00 a.m. PT

Earlier this month, when he decided to record a new compact disc, Joe Smith followed a procedure he's done hundreds of times: Insert the CD, access the online music database and select songs using titles supplied by the database.

Yet this time, instead of displaying the usual song information, the popular CD-burning software made by Roxio delivered a different message. Roxio products were no longer supported by Gracenote's CD information service, which housed the database Smith had been using to match song and album titles with a disc placed into his computer—a collection entered in large part by individuals on the Net.

NAME THAT TUNE

When you play a CD on your PC, your software player goes through a series of steps before it can tell you what song you're listening to.



Source: XMCD source code by Ti Kan, various.

considered the property of whatever company collects and formats the data.

More immediately, the case will determine the fate of two alternative CD databases—Freedb.org and MusicBrainz.org—that were created after several programmers on the Internet realized that Gracenote had essentially fenced off the original CDDb by changing the terms of the licenses.

**"THE MOST EGREGIOUS
PART OF THIS LAWSUIT IS
THAT THE COMPANY HAS
TAKEN THE PUBLIC'S WORK**

"I blame Gracenote," Smith said, for "taking what is essentially an open-source database and closing it off." Because so many people voluntarily helped build the database, being locked out is a slap in the face, said the software engineer who asked that his real name not be used.

The data blackout is the result of a copyright battle between the two companies that may have far-reaching consequences. Already, thousands of customers have been cut off from the largest such online database, a collection of 885,000 records called CDDb. While the legal dispute centers on whether Roxio can use online databases created by people on the Internet, many people are concerned that CDDb—maintained for the last three years by Gracenote but built from individuals' submissions—can be owned.

The issue is central to a lawsuit that could affect a variety of communities throughout the Internet, from so-called open-source programming projects to comments archived on online bulletin boards.

If Roxio wins, open-source competitors to Gracenote will be legally free to build databases that can't be copied by others. If Gracenote wins, other databases relying on individuals' submissions could be

Like Gracenote's CDDb, the two open-source services allow people to download information from the Internet on just about any audio CD they insert into their computer. While MusicBrainz.org uses a different system that is incompatible with the Gracenote database, Freedb.org uses the same kernel of software and data—information that Gracenote claims it owns.

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Roxio originally intended in late April to shift its software from Gracenote's CDDB to the database run by Freedb.org. However, the suit aims to prevent that. And, if Roxio can't use a competitor to Gracenote, the case will also prevent any of the other 1,800 commercial licensees and 2,200 free licensees from jumping to competitors.

The outcome of the suit will determine whether CD-listing services owned by the public can exist.

"Obviously, we would like more companies to integrate their software with MusicBrainz," said Robert Kaye, the lead programmer behind MusicBrainz.org, which recently changed its name from CDIndex.org. "A lot of companies are looking at us, but they hesitate because they are afraid of being sued."

A fence around the commons

While Gracenote claims the collection of CD information at the heart of the CDDB system belongs to the company, many cyber-rights activists and open-source advocates are raising eyebrows. Because much of the database was entered in by the public, they argue that the public should own the result.

"The most egregious part of this lawsuit is that the company has taken the public's work and proprietized it," said Robin Gross, an attorney for the Electronic Frontier Foundation, which fights for public rights on the Internet.

Furthermore, Gracenote's copyright is backed with a software patent, which in some part gives the company a lock on the organization of such a database.

Gracenote's case will clarify how current database laws should be interpreted.

Today, few laws protect a database. While two bills aimed at protecting a collection of data are wending their way through Congress, companies with proprietary databases typically rely on copyright to protect their archives of data.

In the past, the protection has only been granted for data organized in a way that is considered "original." Yet, the creator of the database doesn't have to be Picasso, said David Marglin, general counsel for Gracenote.

"If your arrangement of facts (has) even a small modicum of originality you can get a copyright on your arrangement," he said, adding that in Gracenote's case, the company's CD database has originality that extends beyond the fact that people have submitted to the archive.

While several cases have established such copyright protections for databases, the CDDB is fundamentally different from other collections of information created by companies, said Eben Moglen, professor of law and legal history for Columbia Law School and general counsel for the Free Software Foundation.

Although other companies have paid employees to enter information into a database, the public typed in many of the song titles and album names contained in Gracenote's CDDB, said Moglen.

"It's as though you assembled the telephone white pages by asking everyone to call you up and give you their information—and then turned around and copyrighted the work," he said.

A proprietary database or a publicly created one? The answer lies largely in the law's reading of past events.

The creation of CDDB

When it was first created by programmer Ti Kan in 1993, the CDDB was a part of XMCD, Kan's application for playing CDs on Unix-like operating systems. At that time, the program didn't use the Internet. It merely saved the CD information to the computer on which the software ran.

Within a couple of years, with the help of buddy Steve Sherf, Kan quickly created a system for taking track information entered by an individual and uploading it to a database on the Internet. If someone placed a CD known to the database in his or her computer, the player could download the information from the online database, saving the person the few minutes it would take to type in the information.

**"CDDB HAD ADOPTED A
DRACONIAN LICENSE. YOU
HAD TO DO WHAT THEY SAY
OR YOU DIDN'T GET A
LICENSE AND YOU WERE
SCREWED."**

--Robert Kaye, lead programmer, MusicBrainz

took off.

"The CDDB project out of which (Gracenote) grew was an open project," said Bruce Perens, a longtime open-source evangelist. "Because of their positioning as an open database, they got thousands of people entering in titles and songs on their own."

**"IF YOUR
ARRANGEMENT
OF FACTS (HAS) EVEN A
SMALL MODICUM OF
ORIGINALITY YOU CAN GET
A COPYRIGHT ON YOUR
ARRANGEMENT."**

--David Marglin, general counsel, Gracenote

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Sherf is credited for most of the work on the CD database component of the system. "Ti and I worked together for years," said Sherf, now chief architect for Gracenote. "While he invented XMCD, he was only interested in writing his program. I made the service myself and wrote the code."

Without people submitting song titles to the database, the CDDB would be only marginally useful. Kan, long a supporter of Free Software, released the source code of his program under the GNU General Public License. Such a license gives people the right to modify and use the software as long as the source code of the application is released under the GPL.

With the code—and many assumed, the data—released as a public resource, submissions to the CD database

Yet, unbeknownst to most people, Kan included in the code for XMCD commands to append copyright notices on people's submissions. Kan did not answer repeated requests for comment, so it's unknown when the copyright notice was added and how visible it was to users of the system. But Gracenote has claimed that about 100,000 records were copyrighted by Kan and that copyright was then transferred to the company.

In 1998, high-technology venture firm Escient bought out Kan's and Sherf's work on the CDDB and combined the duo's software with other technology from multimedia firm Ion. Two years later, the combined firm, now called Gracenote, received the patent on the software solution used by the CDDB to locate matches in the database.

When Escient originally claimed ownership of the database and meted out strict licenses, the open-source community hit back and formed two initiatives to keep such information public.

The most successful competitor to date is Freedb.org, an open-source project started by Michael Kaiser in 1999 from the last publicly mirrored version of the CDDB (from 1997) and the open-source server program.

"There were no copyright notices included in the archive," said Joerg Hevers, one of the project leaders of Freedb.org. Today, there are more than 330,000 titles included in the database.

Others were equally upset by Escient's move to a proprietary license.

"CDDB had adopted a draconian license," MusicBrainz's Kaye said of his decision to start his own CD information database. "You had to do what they say or you didn't get a license and you were screwed."

Unlike with Freedb.org, Kaye started a CD database from scratch. Called CDIndex, and now MusicBrainz, the database calculated the "magic number" identifying CDs differently than Gracenote's formula. Moreover, the program code has been created from scratch.

The key to both databases is the lesson learned by the public: Keep it open. Both databases not only have open-source software, but the content of the database is copyrighted under the Open Content License, the open-source equivalent for data.

"One person getting ripped off is not a big deal," said Kaye. "If you are ripping off 10,000 people that have put in the data for 20 CDs, that is not a trivial contribution for the community at large."

Kaye should know. He claims that he entered at least two dozen records in Gracenote's CD database.

While he's resigned that he no longer has any control over those records, he vows that it won't happen again. ■

NEWS COMMENTARY

Gartner analyst Rob Batchelder says since Gracenote had no explicit agreement granting its contributors any rights to the data they entered, those users would seem to have little claim on the resulting database.

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Frequently Asked Questions When Making a CD

CDDb does not require any title and artist **data** to actually be encoded on the disc. What

CDDb does require is that you **submit** the title and artist info for ...

[www.discmakers.com/music/faq/](#) - 66k - [Cached](#) - [Similar pages](#)

Version 7.1 build 5 (May 18, 2007) Fixed: - Error message 'Class ...

... problems: - **CDDb Submit**: genre retrieval problems - **CDDb Batch**: batch list did not

preserve extra **CDDb2 data** between sessions - **CDDb Control**: Installer ...

[www.collectorz.com/music/WhatsNew.txt](#) - 86k - [Cached](#) - [Similar pages](#)

Submitting : BlueChillies.com

Description: **Submit It 2000** is a small utility that will help automate Generate **data** file for **submitting data** to IRS and SSA via diskette or upload. ...

[www.bluechillies.com/list.html?k=submitting](#) - 80k - [Cached](#) - [Similar pages](#)

File Audio Processor 4.0 Download - File Audio Processor is a ...

CDDb Database supports a web-based or local **CDDb** database; allow **submitting** new or revised **data** to an on-line database. Audio Recorder allows you to record ...

[www.downloadjunction.com/product/store/24766/index.html](#) - 29k - [Cached](#) - [Similar pages](#)

WINAMP.COM | Forums - Create A CD Playlist With CDDb

CDDb stands for CD **Data** Base. It refers to a website that maintains a **data** base of 100's of thousands ... videocrew is offline Old Post 10-27-2000 10:11 PM ...

[forums.winamp.com/showthread.php?threadid=35633](#) - 42k - [Cached](#) - [Similar pages](#)

Freeware Download: Data Base

Free Ripper with **CDDb** access (CD **data** base). The Free Ripper reads audio CD's

ServiceDesk Plus enables end-users to **submit** tickets via an online web ...

[www.dirfile.com/freeware/data-base.htm](#) - 80k - [Cached](#) - [Similar pages](#)

Broken Cross Disk Manager 3.45 - Comfortable Disk Cataloguing tool ...

You can easily manage your **data** by using folders or categories. ... For Audio CDs, the program can query information from Gracenote **CDDb**, either directly ...

[www.filetransit.com/view.php?id=3280](#) - 33k - [Cached](#) - [Similar pages](#)

1X-Ripper 2.2.2 - Freeware Files.com - Audio & Video Category

Submit Date: 2007-06-08 OS: Win 2000/XP/2003/Vista Downloads: 149 ... Free Ripper with **CDDb** access (CD **data** base). The Free Ripper reads audio CD's in and ...

[www.freewarefiles.com/program_6_227_33141.html](#) - 36k - [Cached](#) - [Similar pages](#)

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[www.topshareware.com/1X-RIPPER-download-51080.htm](#) - 9k - [Cached](#) - [Similar pages](#)

Collector's Tools Page 1

Integrates **CDDb** for automated cataloging of music CDs. ... BookCAT allows you search your database with any combination of **data** ... **Submit** search form ...

[www.winappslist.com/hobby/collectors_tools1.htm](#) - 22k - [Cached](#) - [Similar pages](#)

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CATraxe supports **Cddb** - the worlds largest music database. Simply insert a CD into the CD-ROM drive, and CATraxe will download the CD **data** from the Internet ...

www.fileflash.com/program/1431/ - 46k - [Cached](#) - [Similar pages](#)

Testimonials

Because users **submit data to Cddb** in different formats, you will have to spend some ... you email to let you know how much I love your program CATraxe 2000. ...

www.fnprg.com/testimonials.html - 37k - [Cached](#) - [Similar pages](#)

abcde 2.0.3 * The Fixed-Yet?-How-About-Now?-What-About-Now?-Now ...

Very useful for **submitting** bug reports, hint hint hint :) Just do 'abcde -D Allows you to edit **Cddb** response **data** before using it (-e) * Added support ...

lly.org/~rcw/abcde/misc/changelog - 19k - [Cached](#) - [Similar pages](#)

Ripper Mp3 Cddb Software

Quick CD Ripper supports **Cddb** (compact disc **data** base); you can connect ... Free

Cddb is supported, and you may even set proxy for **submitting** or querying. ...

www.filedudes.com/files/Ripper_Mp3_Cddb.html - 42k - [Cached](#) - [Similar pages](#)

Cddb or freedb? Comments? - Audiograbber Forums

It also does not allow a program to store whatever **data** it wants in the ID3 tag. Maybe I add a function to mass **submit** the whole discs.txt. ...

www.audiograbber.com-us.net/boards/ubb/Forum1/HTML/001250.html - 50k -

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Shareware downloads Multimedia - MP3/Music Management at SnapFiles.com

INI and CDValet support, export to ASCII, HTML and iPod Notes, graphical statistics on your **data**, integrated **Cddb** Music Browser and more. in addition, ...

www.snapfiles.com/Shareware/gmm/swmusicman.html - 120k - [Cached](#) - [Similar pages](#)

freshmeat.net: Releases announced Thursday, July 13th 2000

Scripts or Pike programs can easily be written to fetch or **submit data** to/from the In addition, it supports **Cddb** for automatic renaming of files and ...

freshmeat.net/daily/2000/07/13/ - 229k - [Cached](#) - [Similar pages](#)

DIZ downloads - slot_egypt, Submit It 2000, Slots Tut

Submit It 2000 is a small utility that will help automate the process of Supports **Cddb** (Internet CD database). Multilingual user interface is provided. ...

www.vicman.net/lib/diz.htm - 58k - [Cached](#) - [Similar pages](#)

How To Submit Track Listing For A Real Cd To Cddb [Archive ...

I was obsessed to contribute to **Cddb**, but it seems these guys do not want my ... But you are right, they may wait for somebody else to **submit some data** for ...

filesharingtalk.com/vb3/archive/index.php/t-1228.html - 7k - [Cached](#) - [Similar pages](#)

CD Rippers, MP3 Players, Audio Mixers, Sound Editors, WAV, Midi, Etc.

AX-CDPlayer ...awesome cd player 100% compatible with **Cddb** (**submit** and query). powerful operations with audio **data**. For Windows 98, ME, NT, 2000, XP. ...

www.passtheshareware.com/c-music.htm - 18k - [Cached](#) - [Similar pages](#)

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Dr. Tibonia's Musicbox Help

Submitting new or changed CD's is not obligatory, but I encourage you to do this. By doing this, you support the **CDDB** service and you provide **data** to others ...
software.tibonia.net/guide/**CDDB**.htm - 12k - [Cached](#) - [Similar pages](#)

Save Cddb Data Software

Free **CDDB** is supported, and you may even set proxy for **submitting** or ... Cool CD Ripper is an extremely easy-to-use CD ripper for Windows 9X/NT/Me/**2000**/XP. ...
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Free Ripper with **CDDB** access (CD **data** base). The Free Ripper reads audio CD's in and gets the titles -, album ... 4TOPS Excel Import for MS Access **2000** 3.24 ...
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Slashdot | Gracenote Defends Its Evolution

Re:Why did people **submit data to cddb**? by el americano (Score:2) Monday November 13, @01:55PM; Re:Why did people **submit data to cddb**? by MilenCent (Score:1) ...
slashdot.org/article.pl?sid=06/11/13/1312214&tid=141 - 82k - [Cached](#) - [Similar pages](#)

freedb - **cddb** - Audiograbber Forums

You could use those programs to download **data** from **CDDB** and then **submit** it to freedb. ... Infopop Corporation (formerly Madrona Park, Inc.), 1998-**2000**.
www.audiograbber.com-us.net/boards/ubb/Forum1/HTML/002753.html - 24k - [Cached](#) - [Similar pages](#)

Feurio!@ Versions-History

Note: At the moment it is (for "political" reasons) not possible to **submit data** to the "original" **CDDB** database - the transfers will be ignored by the ...
www.feurio.com/English/history_1_51.shtml - 9k - [Cached](#) - [Similar pages](#)

MfcCDDB v1.29

The **CDDB data** format and the **CDDB** servers are designed to be open, ... code to the sample **Submit** call which was causing it to fail. V1.15 (13 February **2000**) ...
www.naughter.com/mfcc**cddb**.html - 12k - [Cached](#) - [Similar pages](#)

freedb.org > FAQ

How can I tweak my **CDDB**-aware program to use freedb.org instead of **cddb.com**? When **submitting** a CD-Extra, name the **data**-track "**Data**" or something like ...
www.freedb.org/en/faq.3.html - 32k - [Cached](#) - [Similar pages](#)

CD Info Download

This button brings up the standard **CDDB** window with all disc-information that exists. Here you can also make changes to the **data**. ...
pucb.com/cdinfo/cd-info.htm - 11k - [Cached](#) - [Similar pages](#)

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